

caBIG® Clinical Information Suite Project Wiki

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Project Overview

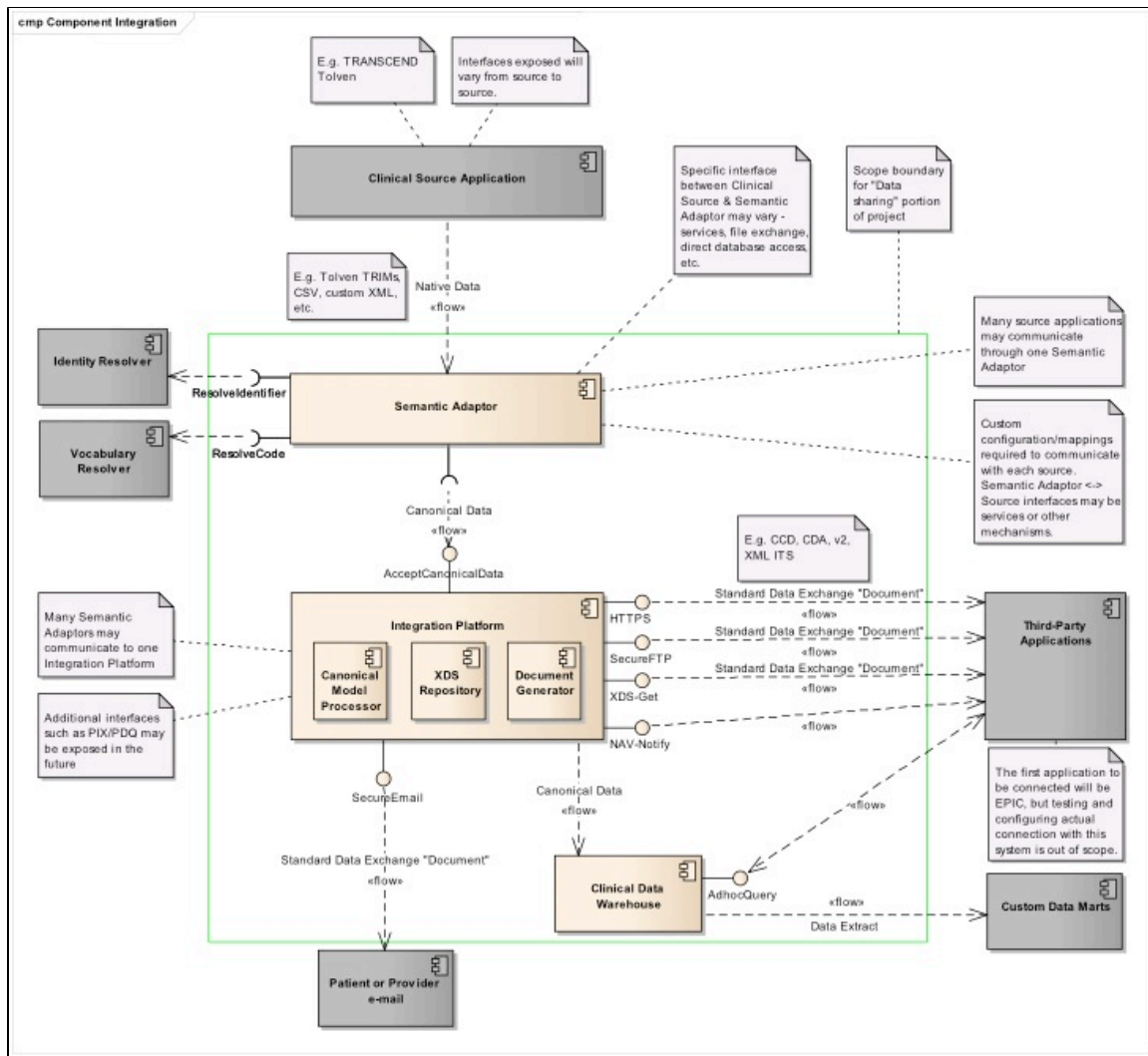
The National Cancer Institute's (NCI) caBIG® Clinical Information Suite Project is being architected, developed and deployed to provide a standards-based interoperable solution to allow the information from clinical systems (like TRANSCEND) to be shared with other clinical applications. The solution will serve as a general interoperability framework to support the information sharing between the caBIG® Clinical Information Suite Integration platform and other clinical applications. The solution will also encompass a clinical data warehouse component where information from the caBIG® Clinical Information Suite Integration Platform once transformed into the standards-based canonical model will be loaded to the warehouse allowing for ad-hoc queries by the research community. The initial implementation of the solution will support TRANSCEND data only.

The following extensible functionality will also be supported:

1. Maximize the reusability and uptake of the solution by the oncology HIT communities by leveraging existing standards when possible.
2. Allow extensibility to support additional data elements and additional exchange formats as new needs arise.
3. Leverage existing open-source components when possible.
4. Solution should be production ready and will be deployed into the TRANSCEND production environment as part of the project.
5. Leverage design and development artifacts from the prior caCIS project when possible.
6. Ensure that all communications and data storage occurs securely and that access to patient-identifiable healthcare information and sensitive clinical research information is secured and limited to appropriately authenticated and authorized applications and users.

Project Solution Architecture Diagram

The project solution architecture design is listed below to provide an overview of the architecture and the components being developed by the caBIG® Clinical Information Suite project. The section outlined in the green box are the components that the caBIG® Clinical Information Suite project will deliver and implement into the TRANSCEND environment.



Project Artifacts

All project artifacts can be found at the following areas:

Project Management Deliverables:

[Project Management Office Wiki](#)

[Project Management Subversion Repository](#)

Architectural Deliverables:

[Architecture Deliverables Subversion Repository](#)

Development Deliverables:

[Development Deliverables Subversion Repository](#)

[Development Wiki](#)

Quality Deliverables:

[Quality Deliverables Subversion Repository](#)

